

Abstract of the Disclosure

METHOD FOR ESTIMATING FUEL INJECTOR PERFORMANCE

A method of estimating an injection delay of a fuel injector. A baseline injection delay curve representing an injection delay for a predetermined type of fuel injector is established for a range of rail pressures. At least one test rail pressure for the predetermined type of fuel injector is identified based on the baseline injection delay curve. An injection delay of a selected fuel injector of the predetermined type is measured at the at least one test rail pressure. The injection delay of the selected fuel injector is estimated based on the baseline injection delay curve and the measured injection delay of the selected fuel injector at the identified test rail pressure.